

# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/541,246  
Source: IFWO  
Date Processed by STIC: 10/19/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 10/19/2006

PATENT APPLICATION: US/10/541,246

TIME: 12:33:43

Input Set : A:\23431816.APP

Output Set: N:\CRF4\10192006\J541246.raw

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3 <110> APPLICANT: LAWRENCE, MARK L.
4     PAULSEN, DANIEL B.
5     SCRUGGS, DANIEL W.
7 <120> TITLE OF INVENTION: METHODS OF PREPARATION OF LIVE ATTENUATED BACTERIAL
8     VACCINES BY ALTERATION OF DNA ADENINE METHYLASE (DAM)
9     ACTIVITY IN THOSE BACTERIA
11 <130> FILE REFERENCE: 2343-181-64 NATL
13 <140> CURRENT APPLICATION NUMBER: 10/541,246
14 <141> CURRENT FILING DATE: 2005-07-01
16 <150> PRIOR APPLICATION NUMBER: 60/439,796
17 <151> PRIOR FILING DATE: 2003-01-14
19 <150> PRIOR APPLICATION NUMBER: 60/439,790
20 <151> PRIOR FILING DATE: 2003-01-14
22 <160> NUMBER OF SEQ ID NOS: 7
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 18
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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40 <211> LENGTH: 18
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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48 <400> SEQUENCE: 2
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52 <210> SEQ ID NO: 3
53 <211> LENGTH: 22
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
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59     primer
61 <400> SEQUENCE: 3
62 tgaggaaacg gtctggtttc tc                                22
65 <210> SEQ ID NO: 4

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## RAW SEQUENCE LISTING

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```

66 <211> LENGTH: 21
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68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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74 <400> SEQUENCE: 4
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78 <210> SEQ ID NO: 5
79 <211> LENGTH: 18
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
85     primer
87 <400> SEQUENCE: 5
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92 <211> LENGTH: 18
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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105 <211> LENGTH: 35
106 <212> TYPE: DNA
107 <213> ORGANISM: Pasteurella multocida
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110 <221> NAME/KEY: modified_base
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112 <223> OTHER INFORMATION: a, c, g, t, unknown or other
114 <220> FEATURE:
115 <221> NAME/KEY: modified_base
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117 <223> OTHER INFORMATION: a, c, g, t, unknown or other
119 <400> SEQUENCE: 7
W--> 120 tggaaannnn nnnnnnnnnn nntagcgtg nnnng          35

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/541,246

DATE: 10/19/2006  
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Input Set : A:\23431816.APP  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; N Pos. 7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,30,31,32,33

Seq#:7; N Pos. 34

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/541,246

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Input Set : A:\23431816.APP

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L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0